

## INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

PTO Form 1449

Attorney ~~cket No.:~~  
013306-500-02USApplication No.:  
UnassignedApplicants: Fanie VAN HEERDEN et al. 10/013,357

Page 1 of 3

Filing Date: February 13, 2002

Group: Unassigned

## U.S. PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Name	Class	Sub Class	Filing Date
dm	Plant 4,199	01/24/1978	Cobia et al.	—	—	
	4,185,116	01/22/1980	Barnish et al.	—	—	
	4,302,447	11/24/1981	Mendy et al.	—	—	
	4,393,049	07/12/1983	Horrobin	—	—	
	4,584,289	04/22/1986	Jarreau et al.	—	—	
	4,882,315	11/1989	Chioldini et al.	—	—	
	4,931,463	06/05/1990	Barbier et al.	—	—	
	5,175,186	12/29/1992	Barbier et al.	—	—	
	5,246,960	09/21/1993	Barbier et al.	—	—	
	5,364,636	11/15/1994	Ochi	—	—	
	5,516,516	05/14/1996	Cherksey	—	—	
	5,605,698	02/25/1997	Ueno	—	—	
	5,693,327	12/02/1997	Shah	—	—	
	5,698,199	12/16/1997	Mori et al.	—	—	
	5,798,101	08/25/1998	Haveson	—	—	
	5,824,668	10/20/1998	Rubinfeld et al.	—	—	
	5,908,609	06/01/1999	Lee et al.	—	—	
dm	6,100,048	08/08/2000	Cone et al.	—	—	

## FOREIGN PATENT DOCUMENTS

Document Number	Date	Country	Class	Sub Class	Translation Yes No
0 101 383 A1	02/22/1984	Europe	—	—	
0 123 456 A2	01/2000	Europe	—	—	
97/47316	12/18/1997	WO	—	—	
98/10068	03/12/1998	WO	—	—	
98/27113	06/25/1998	WO	—	—	
98/28335	07/02/1998	WO	—	—	

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

dm	E. Borowski et al., "Chemical Studies on Amphotericin B II. 2-Methylheptadecanedioic Acid From Perhydrogenated Amphotericin B", <i>Tetrahedron Letters</i> , No. 9, pp. 473-478, (1965).
	H. Bando et al., "Constituents of Asclepiaceae plants. XXXI. Component of <i>Stapelia grandiflora</i> MASS", <i>Chemical and Pharmaceutical Bulletin</i> , Vol. 22, No. 5, pp. 1209-1211, (1974).
	P. Bruyns, "A revision of Hoodia and Lavrania (Asclepiadaceae – Stapelieae)", <i>Botanische Jahrbücher Für Systematik Pflanzengeschichte Und Pflanzengeographie</i> , Vol. 115, No. 2, pp. 145-270, (1993).
	P. Bruyns, "New combinations in Hoodia and Lavrania (Asclepiadaceae – Stapelieae)", <i>South African Journal of Botany</i> , Vol. 59, No. 3, p. 342, (1993).
	Chen et al., "A novel C-21 steroidal glycoside from <i>Marsdenia incisa</i> ", <i>Chemical Abstracts</i> , Vol. 115, No. 25, p. 591, (1991), Abstract No. 275751.
	S.W. Chen et al., "The hyperphagic effect of 3-alpha-hydroxylated pregnane steroids in male rats", <i>Pharmacol Biochem Behav</i> , Vol. 53, No. 4, pp. 777-782, (1996).
dm	A.J. Coombes, <i>Dictionary of Plant Names</i> , Timber Press Inc., Portland, Oregon, p. 31, (1985).

Examiner

McNamee

Date Considered

317/03

Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication.

<b>INFORMATION DISCLOSURE CITATION</b>  (Use several sheets if necessary)  <b>PTO Form 1449</b>		Attorney Docket No.: 013306-5001-02US	Application No.: 09/402,962- <i>b/073,357</i>
		Applicants: Fanie VAN HEERDEN et al. <b>Page 2 of 3</b>	
		Filing Date: February 13, 2002	Group: Unassigned

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**

<i>dk</i>	A. De Rick et al., "Digoxin-quinidine interaction in the dog", <i>J Vet Pharmacol Ther.</i> Vol. 4, No. 3, pp. 215-218, (1981).
	D. Deepak et al., "A new pregnane glycoside from <i>Periploca calophylla</i> ", <i>Indian Journal of Chemistry, Section B</i> , Vol. 25b, No. 1, pp. 44-45, (1986).
	R.E. Dolle et al., "Total synthesis of elfamycins: aurodox and efrotomycin. 1. Strategy and construction of key intermediates", <i>J Am Chem Soc.</i> , Vol. 107, No. 6, pp. 1691-1694, (1985).
	R.E. Dolle et al., "Total synthesis of elfamycins: aurodox and efrotomycin. 2. Coupling of key intermediates and completion of the synthesis", <i>J Am Chem Soc.</i> Vol. 107, No. 6, pp. 1695-1698, (1985).
	J.D. Douketis et al., "Periodic health examination, 1999 update: 1. Detection, prevention and treatment of obesity", <i>Canadian Medical Association Journal</i> , Vol. 160, pp. 513-525, (1999).
	W. Fan et al., "Role of melanocortinergic neurons in feeding and the agouti obesity syndrome", <i>Nature</i> , Vol. 385, No. 6612, pp. 165-168, (1997).
	S. Foster et al., "A Field Guide to Medicinal Plants, Eastern and Central North America", Houghton Mifflin Company, Boston, pp. 136, 154.
	J.I. Glendinning, "Effectiveness of cardenolides as feeding deterrents to <i>Peromyscus</i> mice", <i>Journal of Chemical Ecology</i> , Vol. 18, No. 9, pp. 1559-1575, (1992), <i>Chemical Abstracts</i> , Vol. 117, No. 25, p. 463, Abstract No. 249115, (1992).
	G. Habermehl et al., "Rearrangement of 14 $\beta$ -hydroxy-12 $\beta$ -sulfoxy-steroids to 13, 17-seco-12, 17-cyclosteroids; a 2D-NMR analysis", <i>Z. Naturforsch.</i> Vol. 40b, No. 5, pp. 656-660, (1985).
	C. Haskell-Luevano et al., "Discovery of prototype peptidomimetic agonists at the human melanocortin receptors MC1R and MC4R", <i>J Med Chem.</i> Vol. 40, No. 14, pp. 2133-2139, (1997).
	K. Hayashi et al., "Four pregnane glycosides, boucerosides A1, A11, B1 and B11, from <i>Boucerosia aucheriana</i> ", <i>Phytochemistry</i> , Vol. 27, No. 12, pp. 3919-3924, (1988).
	M. Heller et al., "Electrophilic addition to the delta- 14 double bond of a steroid", <i>Steroids</i> , Vol. 3, No. 2, pp. 193-201, (1964).
	B.C.F. Hill, "Hoodia Gordonii", <i>Nat. Cact. and Succ. Journal</i> , Vol. 24, No. 3, pp. 69-70, (1969).
	D. Huszar et al., "Targeted disruption of the melanocortin-4 receptor results in obesity in mice", <i>Cell</i> , Vol. 88, No. 1, pp. 131-141, (1997).
	P. Kopelman, "Prescribing for obesity", <i>Journal of the Royal College of Physicians of London</i> , Vol. 33, No. 1, pp. 31-32, (1999).
	C.F. Millspaugh, "American Medicinal Plants", Dover Publications, Inc., New York, pp. 534-543, (1974).
	H. Mitsuhashi et al., "Studies on the constituents of Asclepiadaceae plants, XIII. Epimerization at C-17 and optical rotatory dispersion Study of C/D cis pregnane-2-one derivatives", <i>Steroids</i> Vol. 4, No. 4, pp. 483-493, (1964).
	H. Mitsuhashi et al., "Constituents of Asclepiadaceae plants. XVI. Components of <i>Metaplexis japonica</i> ", <i>Chem Pharm Bull.</i> , Vol. 13, No. 11, pp. 1332-1340, (1965), <i>Chemical Abstracts</i> , Vol. 65, No. 10, (1966), Abstract No. 15447d.
	H. Mitsuhashi et al., "Constituents of Asclepiadaceae plants. XXV. Components of <i>Cynanchum boerhavifolium</i> ", <i>Yakugaku Zasshi</i> , Vol. 89, No. 10, pp. 1352-1357, (1969), <i>Chemical Abstracts</i> , Vol. 72, No. 7, pp. 53, (1970), Abstract No. 028873.
	H. Miwa et al., "Structural determinants of the melanocortin peptides required for activation of melanocortin-3 and melanocortin-4 receptors", <i>J Pharmacol Exp Ther.</i> Vol. 273, No. 1, pp. 367-372, (1995).
	Nikaido et al., Components of <i>Boucherosia aucheriana</i> DECNE", <i>Chemical and Pharmaceutical Bulletin</i> , Vol. 15, No. 5, pp. 725-726, (1967).
<i>dk</i>	M. Oki et al., "Intramolecular interaction between hydroxyl group and carbonyl moiety in keto-alcohols", <i>Bulletin of the Chemical Society of Japan</i> , Vol. 41, No. 1, pp. 176-182, (1968).

Examiner

*M. Hall*

Date Considered

*3/7/03*

Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication.

<b>INFORMATION DISCLOSURE CITATION</b> (Use several sheets if necessary) <b>PTO Form 1449</b>		Attorney Docket No.: 013306-5001-02US	Application No.: 09/402,962-10/073,357
		Applicants: Fanie VAN HEERDEN et al. <b>Page 3 of 3</b>	
		Filing Date: February 13, 2002	Group: Unassigned

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**

<i>dk</i>	K. Swarupanandan et al., "The subfamilial and tribal classification of the family Asclepiadaceae", <i>Botanical Journal of the Linnaean Society</i> , Vol. 120, pp. 327-369, (1996).
<i>dk</i>	T. Tanaka et al., "Studies on the constituents of Asclepiadaceae plants. Part 71. Pregnan glycosides from <i>Boucerosia aucheriana</i> ", <i>Phytochemistry</i> , Vol. 29, No. 1, pp. 229-237, (1990).
	J.F. Templeton et al., "Progesterone derivatives that bind to the digitalis receptor: synthesis of 14 beta-hydroxyprogesterone. A novel steroid with positive inotropic activity", <i>J Med Chem.</i> Vol. 30, No. 8, pp. 1502-1505, (1987).
	R. Trivedi et al., "A pregnane ester oligoglycoside from <i>Oxystelma Esculentum</i> ", <i>Phytochemistry</i> , Vol. 28, No. 4, pp. 1211-1213, (1989).
	R. Tschesche et al., "Uber pflanzliche Herzgifte, XXX, Mitteil.: Neue Glykoside aus den Blättern von <i>Digitalis purpurea</i> und <i>Digitalis lanata</i> ", <i>Chemische Berichte</i> , Vol. 88, No. 10, pp. 1569-1576, (1955).
	R. Tschesche et al., "Uber Digitanolglykoside - IX (1) Zur Konstitiution des Digipupuogenin", <i>Tetrahedron Letters</i> , Vol. 9, pp. 473-480, (1964).
	R. Tschesche et al., "Uber Digitanolglykoside, 15. Synthese von 12alpha.20R-epoxy-5alpha.14beta.17betaH-pregnanen", <i>Chemische Berichte</i> , Vol. 100, No. 2, pp. 464-479, (1967).
	Wada et al., "Studies on the constituents of Asclepiadaceae plants. L. Two new oligoglycosides, cynanchoside C2 and cynanchoside C1, from <i>Cynanchum caudatum</i> Max." <i>Chem. Pharm. Sci.</i> , Vol. 30, No. 10, pp. 3500-4, (1982).
	O. Warburg, "Die Pflanzenwelt, Dritter Band", <i>Bibliographisches Institut</i> , Leipzig, pp. 146, paragraph 7, (1922). <a href="http://www4.torget.se/users/k/Kohleria/Engelska/ascltaxonomi.html">www4.torget.se/users/k/Kohleria/Engelska/ascltaxonomi.html</a> , Asclepiadaceae, accessed 09/06/1999.
	<a href="http://www.graylab.ac.uk/usr/hodgkiss/aclass.html">www.graylab.ac.uk/usr/hodgkiss/aclass.html</a> , Succulent Asclepiad Genera, accessed 09/06/1999.
	<a href="http://www.graylab.ac.uk/usr/hodgkiss/asclep.html">www.graylab.ac.uk/usr/hodgkiss/asclep.html</a> , The Asclepiad Page, accessed 06/15/1999.
	<a href="http://www.graylab.ac.uk/usr/hodgkiss/iassale.html">www.graylab.ac.uk/usr/hodgkiss/iassale.html</a> , The International Asclepiad Society, accessed 06/15/1999.
	E. Yoshii et al., "Pregn-14-en-20-ones. Facile preparation and 14beta-hydroxylation", <i>Chem Pharm Bull.</i> , Vol. 20, No. 8, pp. 1827-1829, (1972), <i>Chemical Abstracts</i> , Vol. 77, No. 17, pp. 477, Abstract No. 114653.
	K. Yoshikawa et al., "Steroidal glycosides from the fresh stem of <i>Stephanotis lutchuensis</i> var. <i>japonica</i> (Asclepiadaceae). Chemical structures of stephanosides A-J", <i>Chem Pharm Bull (Tokyo)</i> , Vol. 44, No. 12, pp. 1790-1796, (1996).
<i>dk</i>	K. Yoshikawa et al., "Steroidal glycosides from the fresh stem of <i>Stephanotis lutchuensis</i> var. <i>japonica</i> (Asclepiadaceae). Chemical structures of stephanosides K-Q", <i>Chem Pharm Bull (Tokyo)</i> , Vol. 44, No. 12, pp. 2243-2248, (1966).

Examiner

*dk*

Date Considered

*3/7/03*

Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication.